

Figure 1: General Concept

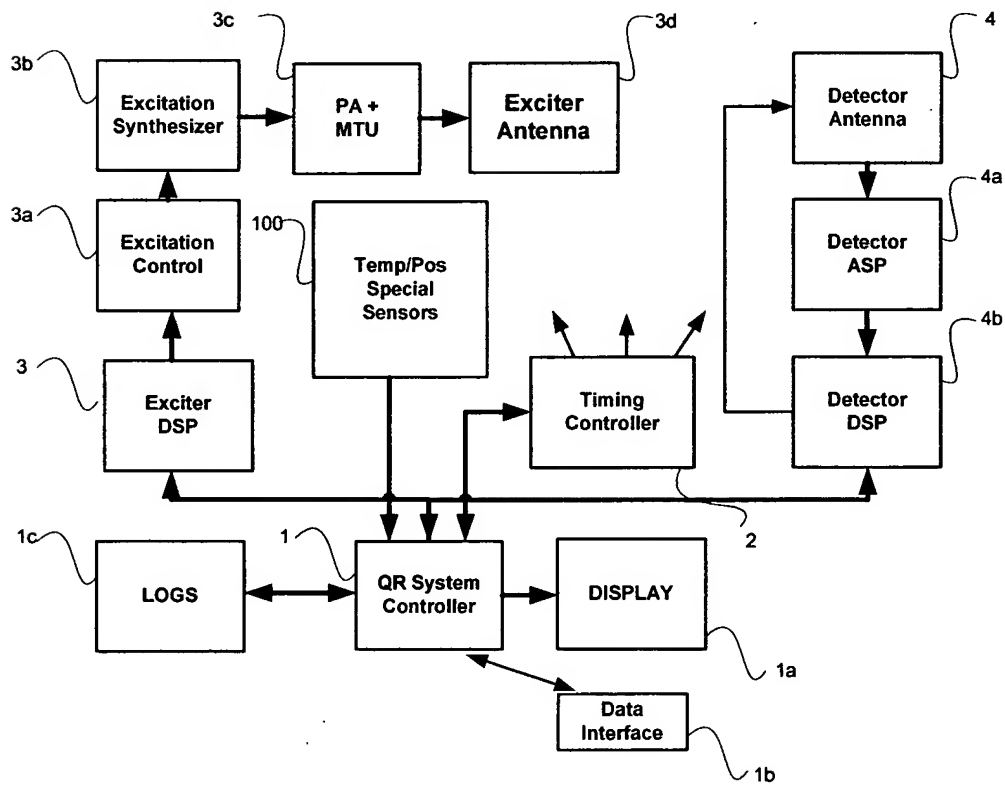


Figure 2: System block diagram

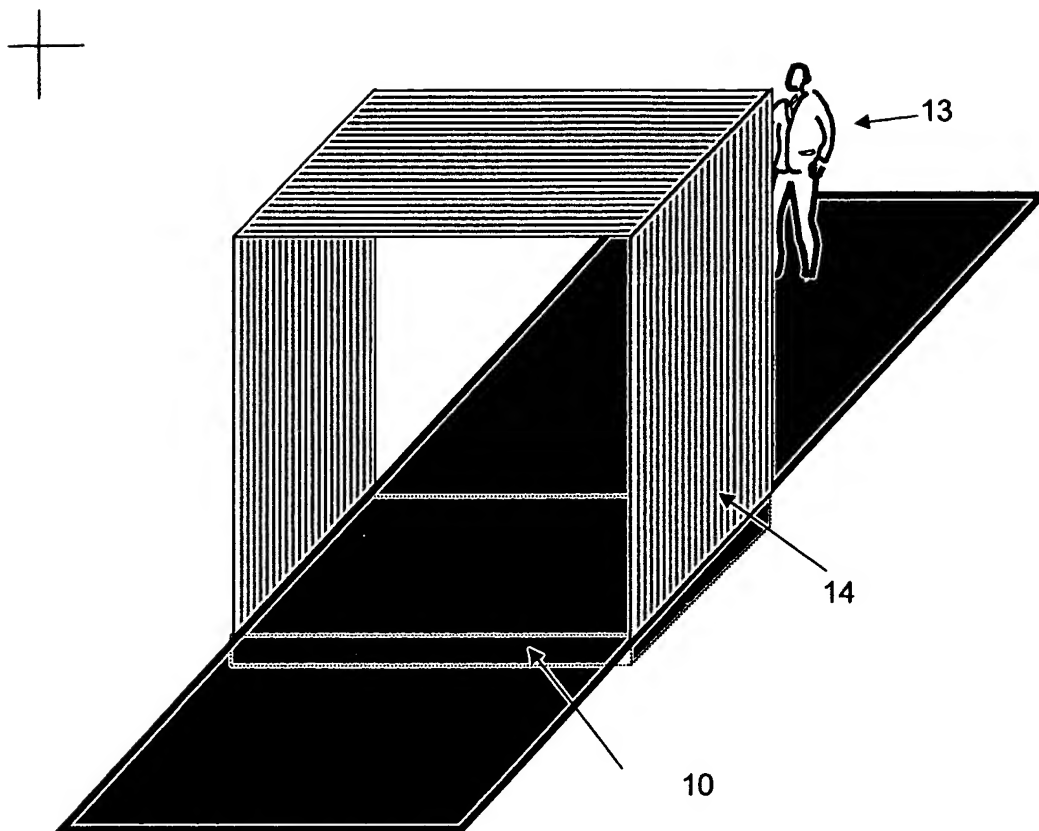


Figure 3: Integration with Check Gate

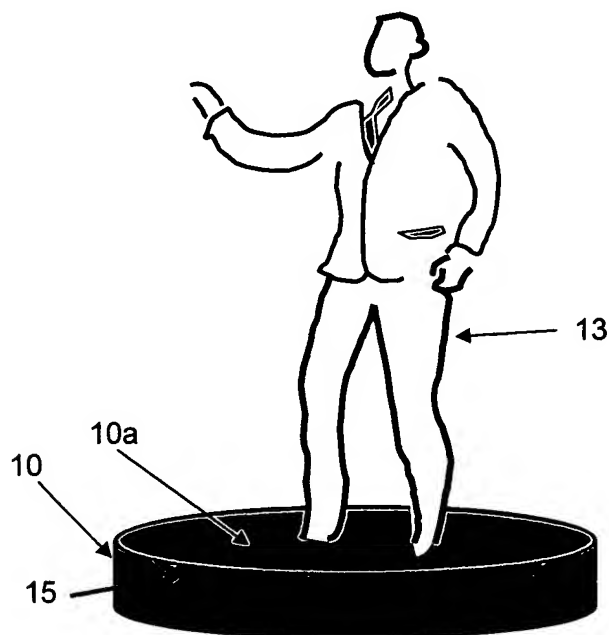
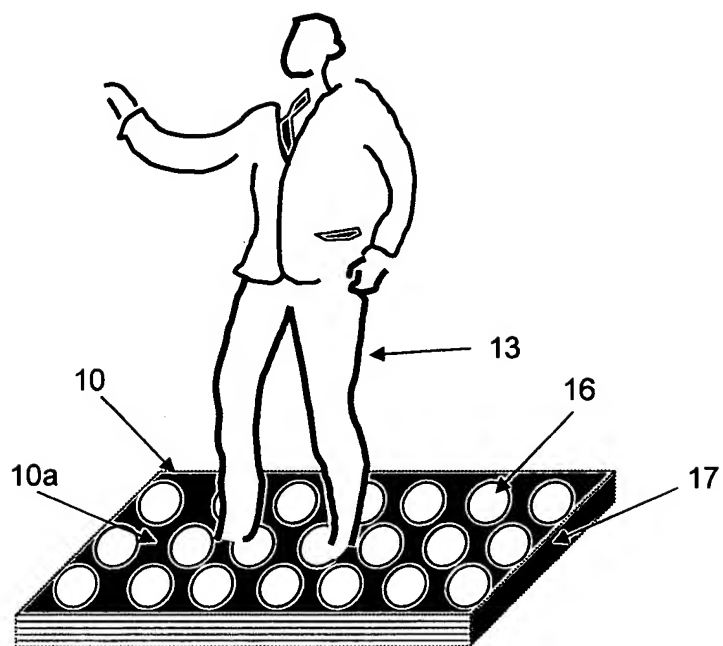
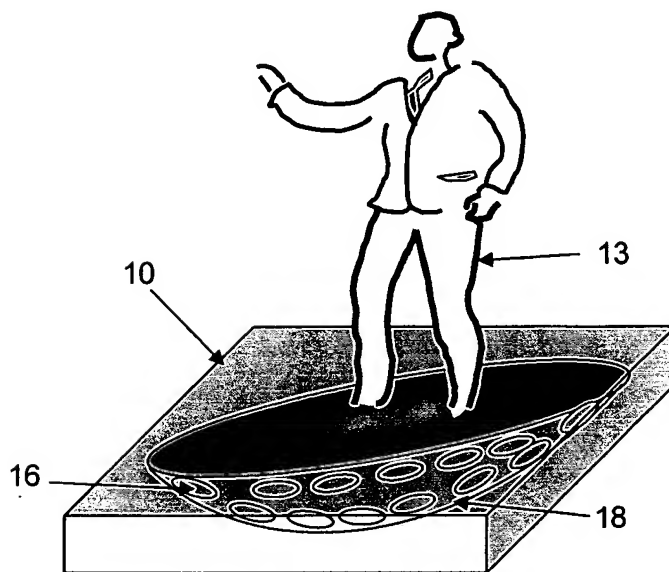


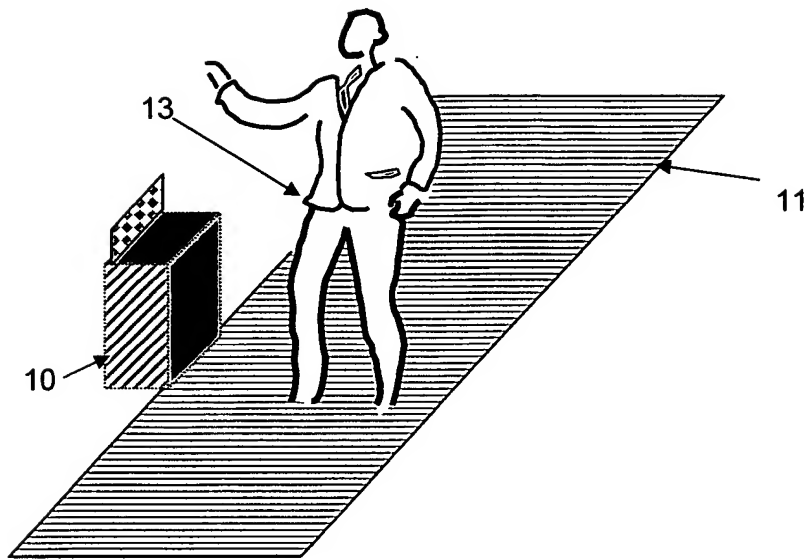
Figure 4: Single coil QR sensor



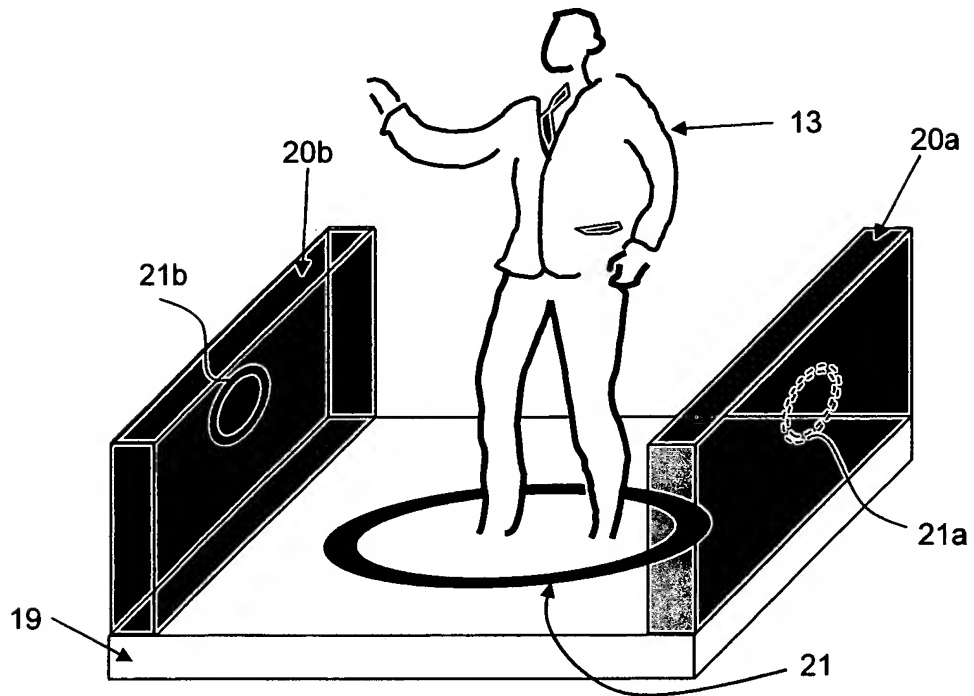
**Figure 5: Array-based QR Sensor**



**Figure 6: Non-flat antenna plane**



**Figure 7: Sensor alongside screened item**



**Figure 8: Antennas (coils) mounted on multiple planes, device with side panels**